

Eucalyptus 80

Symptoms caused by exposure: Skin and eye redness or irritation. May experience gastro-intestinal irritation if swallowed in large amounts.

Medical attention and special treatment: No specific treatment. Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable extinguishing equipment:

Dry chemical, CO₂, chemical foam or water spray. Consider suitable extinguishing media for surrounding fire.

Specific hazards arising from the chemical:

Carbon dioxide, carbon monoxide & other toxic gases may be produced in the case of fire.

Special protective equipment and precautions for fire fighters:

Firefighters should wear full protective clothing including self-contained breathing apparatus & chemical splash suit. Remove from the vicinity containers not involved in the fire.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Clean up spill promptly to avoid accidents. Wear protective equipment (see Section 8) to prevent skin & eye contamination. Stop leak if safe to do so. Ensure adequate ventilation.

Environmental precautions:

Ensure no spillage enters drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or local Council.

Methods and materials for containment and cleaning up:

Cover with damp absorbent material (inert material, sand or soil). Sweep up, but avoid generating dust. Collect & seal in properly labeled drums for disposal.

Section 7. Handling and Storage

Precautions for safe handling:

Observe good personal hygiene practices and recommended procedures. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including incompatibilities

Store in a cool, dry, well-ventilated place & out of direct sunlight. Keep containers closed at all times - check regularly for spills.

Section 8. Exposure Controls and Personal Protection

National Exposure Standards: None of the components have an established Occupational Exposure Limit (Source: Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants 2013).

Engineering Controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Individual Protection Measures:

Eye and face protection Safety glasses should be worn to prevent eye contact.

Skin protection Wear rubber gloves to avoid contact with skin.

Respiratory protection Not normally needed. If significant vapours or mists are generated, use an appropriate respirator in accordance with AS/NZS 1715 and AS/NZS 1716.

Thermal hazards Refer to Section 5.

Section 9. Physical and Chemical Properties

Appearance:	Liquid	Colour:	Green
Odour:	Eucalyptus	Boiling Point(°C):	Not available

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Vapour Pressure:	Not available	Specific Gravity:	0.99 - 1.01
Flashpoint (°C):	Not available	Flammability:	Not flammable
Water Solubility:	Complete	pH:	9.0 - 10.0
Auto-ignition Temperature:	Not available	Viscosity:	Not available
Relative Density:	Not available	Evaporation Rate:	Not available
Vapour Pressure	Not available	Melting Point/Freezing Point	Not available
Partition Coefficient: n-octanol/water	Not available	Upper/Lower Flammability or Explosive Limits:	Not available

Section 10. Stability and Reactivity

Reactivity: Hazardous polymerization will not occur.

Chemical Stability: Stable under normal ambient storage conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Avoid high temperatures (store below 30°C). Protect against physical damage.

Incompatible Materials: Do not mix with other chemicals. Store away from strong acids and strong oxidisers.

Hazardous Decomposition Products: Oxides of ammonia, oxides of carbon, hydrogen gas.

Section 11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Information on Route of Exposure
Acute Toxicity:

Ingestion: No effects known.

Eye Contact: No effects known.

Skin Contact: No effects known.

Inhalation: In large amounts can cause headache, nausea and mucous membrane irritation.

Skin Corrosion/Irritation: Irritating to skin

Serious Eye Damage/Irritation: Irritating to eyes

Respiratory or Skin Sensitisation: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (STOT) - Single Exposure: Not classified

Specific Target Organ Toxicity (STOT) - Repeated Exposure: Not classified

Aspiration Hazard: Not classified

Immediate, Delayed and Chronic Health Effects From Exposure: Skin dryness, gastro-intestinal irritation if swallowed in large quantities.

Other Information: None known.

Section 12. Ecological Information

Ecotoxicity: No product data available.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Low bioaccumulation potential.

Mobility in Soil: Low sorption to soil / sediment, moderate migration to ground water (Estimated Log K_{OC} value (EpiSuite 4.1 KOCWIN): <1.5).

Other Adverse Effects: None known

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Section 13. Disposal Considerations

Disposal Methods Refer to State/Territory Land Waste Management Authority for specific disposal instructions. Dispose of material through a licensed waste third party, in accordance with local regulations.

Section 14. Transport Information

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road and Rail (ADG 7.3).

UN Number	Not applicable
Proper Shipping Name or Technical Name	Not applicable
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Environmental hazards for Transport purposes	Not applicable
Special User Precautions	Not applicable
Additional Information	Not Applicable
Hazchem or Emergency Action Code	Not applicable

Section 15. Regulatory Information

NICNAS All substances are listed on the Australian Inventory of Chemical Substances (AICS).
Poisons Schedule (SUSMP) None allocated.

Section 16. Other Information

This information is provided to the best of our knowledge and belief, accurate as of the last revision date. It is provided in good faith and relates to the specific materials designated. True Blue Chemicals assumes no liability or responsibility for loss or damage resulting from improper use or handling of our products from incompatible product combinations or from failure to follow usage directions. This document remains the property of True Blue Chemicals Pty Ltd. Alterations are not permitted without prior written authorisation from True Blue Chemicals Pty Ltd.

Glossary:

Peak limitation means a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

Log Koc Adsorption Classifications

- > 4.5 Very strong sorption to soil / sediment, negligible migration to ground water
- 3.5 - 4.4 Strong sorption to soil / sediment, negligible to slow migration to ground water
- 2.5 - 3.4 Moderate sorption to soil / sediment, slow migration to ground water
- 1.5 - 2.4 Low sorption to soil / sediment, moderate migration to ground water
- < 1.5 Negligible sorption to soil / sediment, rapid migration to ground water

References

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia)
2. Australian Code for the Transport of Dangerous Goods by Road and Rail, edition 7.3 (ADG 7.3)
3. Workplace Exposure Standards for Airborne Contaminants (Safe Work Australia)
4. Standard for the Uniform Scheduling of Medicines and Poisons No. 4 (the SUSMP 4)
5. Hazardous Substances Information System (HSIS - Safe Work Australia)
6. Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (United Nations)
7. European Chemicals Agency (<http://echa.europa.eu/>)

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